

Abstract of the Disclosure

A portable vibrating device has two electrical motors each having an axle and a weight element coupled to the axle. The axles couple the electrical motors to the weight elements. The weight elements form a weight unit having a total mass m and having a mass center with an offset r in respect to a rotational axis. The weight units are angularly dispositioned to different angular dispositions for varying the amplitude of vibration according to a desired scheme. The angular disposition is controlled by the rotation of the electrical motors. The device may be able to receive messages and to play the by varying the amplitude of vibration accordingly.